

### AMENDMENTS TO THE CLAIMS

- 1-5. (Canceled).
6. (Previously Presented) An isolated polypeptide comprising:
  - (a) the amino acid sequence of the polypeptide of SEQ ID NO: 34;
  - (b) the amino acid sequence of the polypeptide of SEQ ID NO: 34, lacking its associated signal peptide;
  - (c) the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO: 34;
  - (d) the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO: 34, including its associated signal peptide; or
  - (e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203161;wherein said extracellular domain is amino acids 201-678 of SEQ ID NO: 34.
7. (Previously Presented) The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide of SEQ ID NO:34.
8. (Previously Presented) The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide of SEQ ID NO:34, lacking its associated signal peptide.
9. (Previously Presented) The isolated polypeptide of Claim 6 comprising the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO: 34;  
wherein said extracellular domain is amino acids 201-678 of SEQ ID NO: 34.
10. (Previously Presented) The isolated polypeptide of Claim 6 comprising the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO: 34, including its associated signal peptide;  
wherein said extracellular domain is amino acids 201-678 of SEQ ID NO: 34.
11. (Original) The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203161.
12. (Currently Amended) A chimeric polypeptide comprising a polypeptide according to ~~Claim 4~~ Claim 6 fused to a heterologous polypeptide.

13. (Previously Presented) The chimeric polypeptide of Claim 12, wherein said heterologous polypeptide is a tag polypeptide or an Fc region of an immunoglobulin.

14. (Previously Presented) An isolated polypeptide having at least 95% amino acid sequence identity to:

- (a) the amino acid sequence of the polypeptide of SEQ ID NO: 34;
  - (b) the amino acid sequence of the polypeptide of SEQ ID NO: 34, lacking its associated signal peptide;
  - (c) the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO: 34;
  - (d) the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO: 34, including its associated signal peptide; or
  - (e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203161;
- wherein said extracellular domain is amino acids 201-678 of SEQ ID NO: 34; and  
wherein said isolated polypeptide or a fragment thereof can be used to generate an antibody which can be used to specifically detect the polypeptide of SEQ ID NO:34 in esophageal or skin tissue samples.

15. (Previously Presented) The isolated polypeptide of Claim 14 having at least 99% amino acid sequence identity to:

- (a) the amino acid sequence of the polypeptide of SEQ ID NO: 34;
  - (b) the amino acid sequence of the polypeptide of SEQ ID NO: 34, lacking its associated signal peptide;
  - (c) the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO: 34;
  - (d) the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO: 34, including its associated signal peptide; or
  - (e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203161;
- wherein said extracellular domain is amino acids 201-678 of SEQ ID NO: 34; and

**Appl. No.** : **10/063,538**  
**Filed** : **May 2, 2002**

wherein said isolated polypeptide or a fragment thereof can be used to generate an antibody which can be used to specifically detect the polypeptide of SEQ ID NO:34 in esophageal or skin tissue samples.

16. (Previously Presented) A chimeric polypeptide comprising a polypeptide according to Claim 14 fused to a heterologous polypeptide.

17. (Previously Presented) The chimeric polypeptide of Claim 16, wherein said heterologous polypeptide is a tag polypeptide or an Fc region of an immunoglobulin.